ABSTRACT

An optical multiplexer/demultiplexer (1), includes:

- an integrated optics substrate (2) defining a
5 main propagation path for optical radiation, the main propagation path being prefereably in a zig-zag pattern and having an aggregate port (10) for transmitting an aggregate optical radiation including a plurality of wavelengths ($\lambda 1$, $\lambda 2$, ..., λn),

10 - a plurality of selective optical couplers (C1, C2, ...) distributed along the main propagation path, each selective optical coupler (C1, C2, ...) being arranged for adding to and removing from the aggregate optical radiation a respective tributary optical
15 radiation centered around a respective tributary wavelength ($\lambda 1$, $\lambda 2$, ..., λn), and

- a plurality of tributary propagation paths for optical radiation provided in the integrated optics substrate (2), each of said tributary paths extending
20 between a respective one of said selective optical couplers (C1, C2, ...) and a respective tributary port (11, 12, ...) for transmitting a tributary optical radiation centered around a respective tributary wavelength ($\lambda 1$, $\lambda 2$, ..., λn).

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